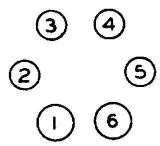
RCA Cunningham Radiotron (RADIO TUBES)

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RCA-79

CLASS B TWIN AMPLIFIER

Heater	Coated Uni-potential Cathode	
Voltage	6.3	a-c or d-c volts
Current	0.6	amp.
Overall Length		4-9/32" to 4-17/32"
Maximum Diameter		1-9/16"
Bulb		ST-12
Cap		Small Metal
Base		Small 6-Pin



BOTTOM VIEW

Pin 1-Heater
Pin 2-Plate (Triode T_2)
Pin 3-Grid (Triode T_2)
Pin 4-Cathode
Pin 5-Plate (Triode T_1)
Pin 6-Heater
Cap -Grid (Triode T_1)

For convenience, one triode unit is identified as T_1, the other as T_2.

CLASS "B" POWER AMPLIFIER

Plate Voltage	250 max.	volts
Peak Plate Current (per plate)	90 max.	ma.
Average Plate Dissipation	11.5 max.	watts

Typical Operation:

Heater *	6.3	6.3	volts
Plate	180	250	volts
Grid	0	0	volts
Zero-Sig. Plate Current (per plate)	3.8	5.3	ma.
Load Res. (per plate)	1750	3500	ohms
Effective Load Res. (plate to plate)	7000	14000	ohms
Power Output°	5.5	8.0 approx.	watts

* In circuits where the cathode is not directly connected to the heater, the potential difference between heater and cathode should be kept as low as possible.

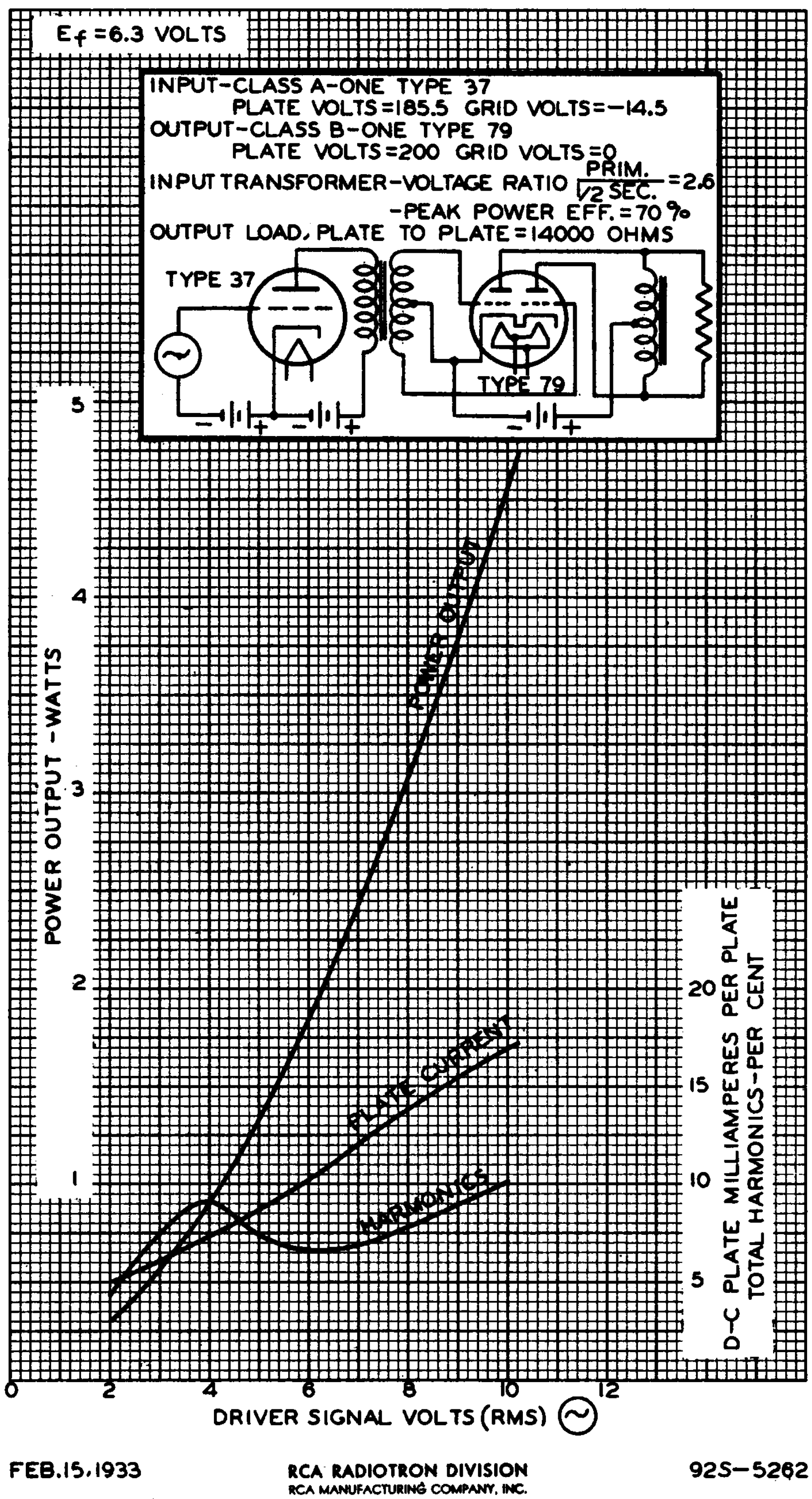
° With average power input of 380 milliwatts applied between grids.

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Cunningham Radiotron

RCA-79

OPERATION CHARACTERISTICS

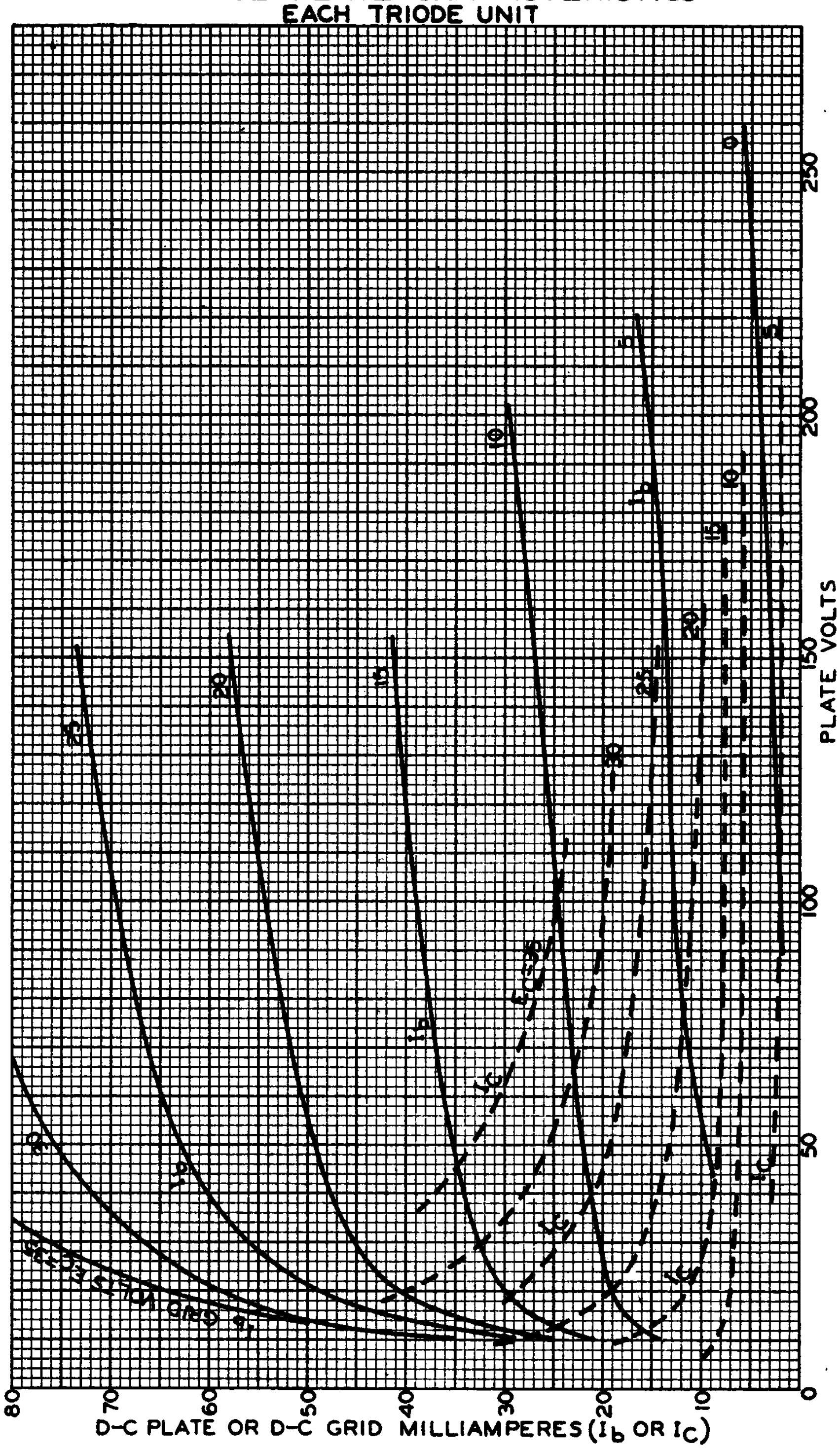


RCA Radiotron — Cunningham Radio Tubes

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AVERAGE PLATE CHARACTERISTICS
EACH TRIODE UNIT



DEC. 6, 1932

RCA RADIOTRON DIVISION
RCA MANUFACTURING COMPANY, INC.

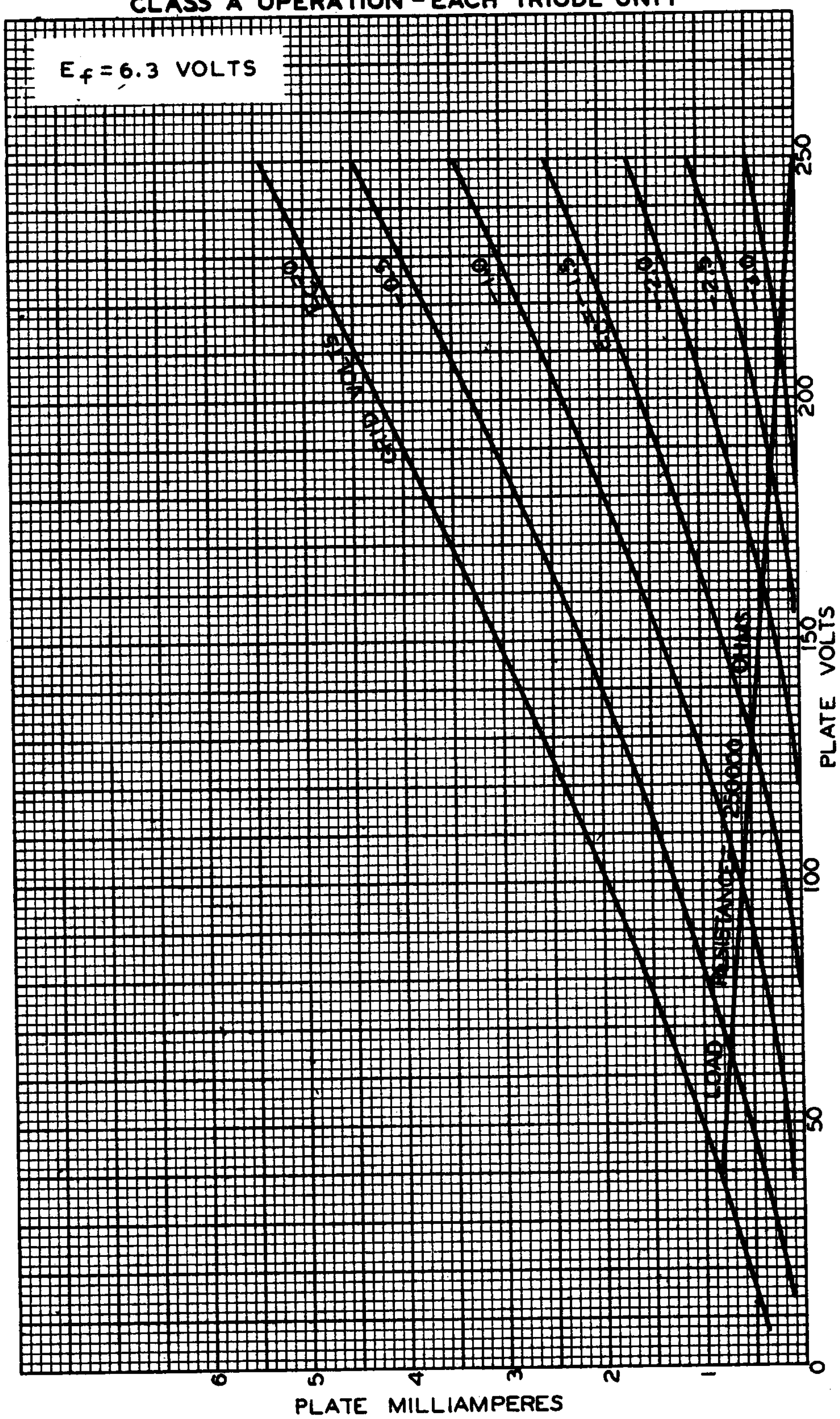
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RCA Radiotron — Cunningham Radio Tubes

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AVERAGE PLATE CHARACTERISTICS
CLASS A OPERATION - EACH TRIODE UNIT



NOV. 1, 1933

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